

IN THE CLAIMS:

1. (Currently Amended) A method ~~for comprising~~

transmitting data from a ~~receiving~~transmitting first mobile station, from which there is defined a call divert command to a ~~second~~receiving mobile station, ~~to said second mobile station, comprising~~

identifying a data transmitting device from which data is being ~~the first mobile station for said transmitting data~~transmitted to the ~~second~~receiving mobile station, and

in case the data transmitting mobile station~~device~~ is identified as the first transmitting mobile station, from which there is defined a call divert command to the ~~second~~receiving mobile station, receiving the data ~~in the second mobile station, or~~

in case the data transmitting mobile station~~device~~ is identified as other than the first transmitting mobile station, from which there is defined a call divert command to the ~~second~~receiving mobile station, transmitting the data ~~to a predetermined receiver~~ further.

2. (Currently Amended) A method according to claim 1, ~~characterized in that~~wherein the first transmitting mobile station, from which data is being transmitted to the ~~second~~receiving mobile station, is identified by a network device before transmitting the data to the ~~second~~receiving mobile station, and the ~~second~~receiving mobile station is selected according to the identified data transmitting mobile station~~device~~ by said network device.

3. (Currently Amended) A method according to claim 1, ~~characterized in that~~wherein the first transmitting mobile station, from which data is being transmitted to the ~~second~~receiving mobile station, is identified in the ~~second~~receiving mobile station before activating the data in the ~~second~~receiving mobile station, and according to the identified data transmitting device, the data is received in said ~~second~~receiving mobile station, or it is transmitted further to a predetermined ~~third receiver~~receiving device.

4. (Currently Amended) A system comprising

a transmitting element for transmitting data from a ~~first~~ transmitting mobile station to a ~~second~~ receiving mobile station as a response to a call divert command in the ~~first~~ transmitting mobile station, characterized in that the system comprises:

an identifying element for identifying a data transmitting device from which data is being transmitted to the receiving ~~second~~ mobile station,

a receiving element for receiving data in the ~~second~~ receiving mobile station, in case the data transmitting device is identified as ~~that~~ the transmitting mobile station, from which data, according to the call divert command, is transmitted to the receiving ~~second~~ mobile station, and

a further transmitting element for transmitting data further to a predetermined ~~third~~ receiver/receiving device, in case the data transmitting device is identified as other than ~~that~~ the transmitting mobile station from which data, according to the call divert command, is transmitted to the receiving ~~second~~ mobile station.

5. (Previously Presented) A system according to claim 4, wherein it includes an identifying element for identifying that previous device from which the data was last transmitted.

6. (Currently Amended) A system according to claim 4, wherein it includes a redefining element for redefining receiver information of the transmitted data based on predefined receiver information, as a response to identifying the data transmitting device as other than ~~that~~ the transmitting mobile station, from which data, according to the call divert command, is transmitted to the receiving ~~second~~ mobile station.

7. (Currently Amended) A system according to claim 4, wherein it includes a redefining element for redefining the data-receiver information based on data type, according to predetermined instructions, as a response to identifying the data transmitting device as other than ~~that the transmitting~~ mobile station from which data, according to the call divert command, is transmitted to the receiving ~~second~~ mobile station.

8. (Currently Amended) A system according to claim 4, wherein the ~~system~~ transmitting element, identifying element, receiving element and further transmitting elements are software elements.

9. (Currently Amended) A system according to claim 4, wherein the system is a mobile communication network, and that the transmitting element, identifying element, receiving element and further transmitting elements are located in a message center or a mobile switching center, or both.

10. (Currently Amended) A system according to claim 4, wherein the system is a communication network, and the transmitting element, identifying element, receiving element and further transmitting elements are located in a network gateway bus.

11. (Currently Amended) A system according to claim 4, wherein the system is a communication network, and that the transmitting element, identifying element, receiving element and further transmitting elements are located in a network terminal device.

12. (Currently Amended) A mobile station; comprising

a receiving element for receiving in which there is defined a call divert command from that is defined in a another transmitting mobile station, so that the mobile station

receives data designated to said ~~second~~ transmitting mobile station, ~~characterized in that the mobile station includes~~

an identifying element for identifying a data transmitting device, from which data is being transmitted to the mobile station,

a receiving element for receiving the data ~~in the mobile station~~, in case the data transmitting device is identified as ~~that second~~ the transmitting mobile station, from which data, according to the call divert command, is transmitted to the mobile station, and

a transmitting element for transmitting data further to a ~~predetermined third receiving party~~, in case the data transmitting device is identified as other than ~~that the transmitting second~~ mobile station, from which data, according to the call divert command, is transmitted to the mobile station.

13. (Currently Amended) A mobile station according to claim 12, ~~wherein a mobile station that receives a request for establishing a connection includes~~ including an identifying element for identifying a telephone number ~~transmitting the~~ in a request for establishing a connection received from the data transmitting device as that telephone number from which the call divert is defined.

14. (Currently Amended) A mobile station according to claim 12, ~~wherein it includes~~ including an establishing element for establishing a connection between ~~the a transmitting mobile station transmitting an original request for establishing a connection and a receiving mobile station receiving the request for establishing a connection.~~

15. (Previously Presented) A mobile station according to claim 12, wherein the mobile station includes a rerouting element for rerouting a request for establishing a connection based on an identified telephone number transmitting the request for establishing a connection.

16. (Currently Amended) A mobile station according to claim 12, wherein it includes a receiving element for receiving a message in ~~a~~the mobile station, as a response to identifying a previous data transmitting device as ~~that second~~the transmitting mobile station from which data, according to the call divert command, is transmitted to the mobile station.

17. (Currently Amended) A mobile station according to claim 12, wherein the mobile station includes a redefining element for redefining the ~~receiver~~receiving device of a message and a transmitting element for transmitting the message further to a redefined ~~receiver~~receiving device as a response to identifying a previous data transmitting device as other than ~~that second~~the transmitting mobile station from which data, according to the call divert command, is transmitted to the mobile station.

18. (Currently Amended) ~~Mobile~~A mobile switching center comprising

a transmitting element for transmitting data as a response to detecting a call divert command, ~~characterized in that the mobile switching center includes~~

an identifying element for identifying a data transmitting device from which data is transmitted to a receiving mobile station,

a transmitting element for transmitting data to the receiving mobile station, in case the data transmitting device is identified as ~~a~~the transmitting mobile station from which data, according to the call divert command, is transmitted to the receiving mobile station, and

a transmitting element for transmitting data to a predetermined ~~other receiver~~receiving device, in case the data transmitting device is identified as other than ~~that the transmitting~~ mobile station from which data, according to the call divert command, is transmitted to the receiving mobile station.

19. (Currently Amended) A mobile switching center according to claim 18, wherein the center is able to look up in a network home register information for identifying a previous

transmitter of the data and for defining ~~a receiver~~the receiving device according to an identified transmitter.

20. (Currently Amended) A mobile switching center according to claim 18, wherein the center includes a redefining element for redefining data receiver information as a response to identifying the data transmitting device as other than ~~that the transmitting~~ mobile station from which data, according to the call divert command, is transmitted to the receiving mobile station, and a rerouting element for rerouting transmitted data to a redefined ~~receiver~~receiving device.

21. (Currently Amended) A mobile switching center according to claim ~~18~~20, wherein it includes an establishing element for establishing an active connection between the original data ~~transmitter~~transmitting device and the redefined data receiver~~receiving device~~.

22. (Currently Amended) A mobile switching center according to claim 18, wherein the center includes a transmitting element for transmitting a given data entity to the ~~receiver~~receiving device.

23. (Currently Amended) A computer-readable storage medium encoded with instructions that, when executed by a computer, perform

~~Software element for processing data for transmission as a response to detecting a call divert command, comprising~~

~~software element for identifying a data transmitting device,~~

~~software element for transmitting data to a receiver~~receiving mobile station
according to the call divert command, in case the data transmitting device is identified as a

transmitting mobile station from which data, according to the call divert command, is transmitted to the ~~receiver~~ receiving mobile station, and

~~a transmitting element for transmitting data to a predetermined other receiver~~receiving device, in case the data transmitting device is identified as other than ~~that~~ the transmitting mobile station from which data, according to the call divert command, is transmitted to the ~~receiver~~receiving mobile station.

24. (Currently Amended) ~~Software element~~ A computer-readable storage medium according to claim 23, located in a network unit.

25. (Currently Amended) ~~Software element~~ A computer-readable storage medium according to claim 23, located in a network gateway bus.

26. (Currently Amended) ~~Software element~~ A computer-readable storage medium according to claim 23, located in a terminal device.